

Mr. Ben Chandler GHD Services Inc. 11719 Hinson Road Suite 100 Little Rock, AR 72212 June 13, 2019

Account# 29016

Login# L482410

Dear Ben Chandler:

Enclosed are the analytical results for the samples received by our laboratory on June 11, 2019. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 29016 Login No.: L482410

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

| National/International | Accreditation/Recognition | Lab ID# | Program/Sector |
|-------------------------------------|---|---------------|---|
| AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP | ISO/IEC 17025 and USEPA NLLAP | Lab ID 100324 | Industrial Hygiene, Environmental Lead, |
| | | | Environmental Microbiology |
| | | | |
| State | Accreditation/Recognition | Lab ID# | Program/Sector |
| New York (NYSDOH) | ELAP and NELAC (TNI) | Lab ID: 11626 | Air Analysis, Solid and Hazardous Waste |
| New Jersey (NJDEP) | NELAC (TNI) | Lab ID: NY024 | Air Analysis |
| Louisiana (LDEQ) | LELAP | Lab ID: 04083 | Air Analysis, Solid Chemical Materials |
| Texas | Texas Dept. of Licensing and Regulation | Lab ID: 1042 | Mold Analysis Laboratory license |

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : GHD Services Inc.
Site : LAKE COUNTY

Project No. : 11197130 11197364

Date Sampled : 06-JUN-19
Date Received : 11-JUN-19

Account No.: 29016 Login No. : L482410

Date Analyzed : 11-JUN-19
Report ID : 1140352

Ethylene Oxide

| Galson ID: Client ID: | | L48241(AIR-111 | 0-1 197130-AK-01 | L482410 AIR-111 |)-2 .97130-AK-02 | L482410-3 AIR-11197130-AK-03 | | |
|--------------------------|-------------|--------------------|---------------------|--------------------|---------------------|---------------------------------|-------|-------|
| | LOQ ppbv | LOQ ug/m3 | ppbv | ug/m3 | ppbv | ug/m3 | ppbv | ug/m3 |
| Ethylene oxide | 0.040 | 0.072 | 3.8 | 6.8 | 0.11 | 0.21 | 0.081 | 0.15 |

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS Supervisor: SAP

Collection Media : 6L Canister Approved by : SAP

Submitted by : BLD Date : 13-JUN-19



LELAP Lab ID #04083

LABORATORY ANALYSIS REPORT

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com

Client : GHD Services Inc. Site : LAKE COUNTY

Project No. : 11197130 11197364

Date Sampled : 06-JUN-19 Date Received : 11-JUN-19

Date Analyzed : 11-JUN-19

Account No.: 29016

Login No. : L482410

Report ID : 1140352

Supervisor: SAP

| Ethylene Oxide | | | | | | | | |
|--------------------------|-------------|---------------------------|----------|--------------------|-------------------|---------------------------------|-------|-------|
| Galson ID: Client ID: | | L482410-4 AIR-11197130 | -AK-04 | L482410 AIR-111 | -5 97130-AK-05 | L482410-6 AIR-11197130-AK-06 | | |
| | LOQ ppbv | LOQ ug/m3 | ppbv ug/ | m3 | ppbv | ug/m3 | ppbv | ug/m3 |
| Ethylene oxide | 0.040 | 0.072 | 0.068 0. | 12 | 0.12 | 0.21 | 0.076 | 0.14 |

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS

Collection Media : 6L Canister

Submitted by : BLD

Date : 13-JUN-19

Approved by : SAP



LELAP Lab ID #04083

LABORATORY ANALYSIS REPORT

6601 Kirkville Road East Syracuse, NY 13057

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Date Sampled : 06-JUN-19 Date Received : 11-JUN-19

Account No.: 29016

Login No. : L482410

Date Analyzed : 11-JUN-19 Report ID : 1140352

Supervisor: SAP

| Ethylene Oxide | | | | | | | | | |
|--------------------------|-------------|--------------|--------------------|---------------------|--------------------|---------------------|---------------------------------|-------|--|
| Galson ID: Client ID: | | | L482410 AIR-111 |)-7 .97130-AK-07 | L482410 AIR-111 |)-8 .97130-AK-08 | L482410-9 AIR-11197130-AK-09 | | |
| | LOQ ppbv | LOQ ug/m3 | ppbv | ug/m3 | ppbv | ug/m3 | ppbv | ug/m3 | |
| Ethylene oxide | 0.040 | 0.072 | 0.15 | 0.27 | 0.11 | 0.19 | 0.068 | 0.12 | |

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS

Collection Media : 6L Canister

Submitted by : BLD Date : 13-JUN-19

Approved by : SAP



LELAP Lab ID #04083

Supervisor: SAP

LABORATORY ANALYSIS REPORT

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com

Client : GHD Services Inc. Account No.: 29016 Site : LAKE COUNTY Login No. : L482410

Project No. : 11197130 11197364

Date Sampled : 06-JUN-19 Date Analyzed : 11-JUN-19 Date Received : 11-JUN-19 Report ID : 1140352

Ethylene Oxide

Galson ID: L482410-10

Client ID: AIR-11197130-AK-10

> LOO LOO ppbv uq/m3 ppbv uq/m3 ppbv uq/m3

Ethylene oxide 0.082 0.040 0.072 0.15

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS

Collection Media : 6L Canister Approved by : SAP

Submitted by : BLD Date : 13-JUN-19



LABORATORY FOOTNOTE REPORT

GALSON

Client Name : GHD Services Inc. Site : LAKE COUNTY Project No. : 11197130/11197364

Date Sampled: 06-JUN-19
Date Received: 11-JUN-19
Date Analyzed: 11-JUN-19

Account No.: 29016 Login No. : L482410

FAX: (315) 437-0571 www.sgsgalson.com

(315) 432-5227

6601 Kirkville Road East Syracuse, NY 13057

L482410 (Report ID: 1140352):

SOPs: in-vocs(36)

L482410-2 (Report ID: 1140352):

Sample canister was received at/near ambient pressure.

L482410 (Report ID: 1140352):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

| Parameter | Accuracy | Mean Recovery |
|----------------|----------|---------------|
| Ethylene oxide | +/-34.6% | 103% |

491552810499
Date:06/11/19
Shipper:FEDEX
Initials:BCF

491552810466
Date:06/11/19
Shipper:FEDEX
Initials:BCF

491552810503 Date:06/11/19 Shipper:FEDEX Initials:BCF

491552810488
Date:06/11/19
Shipper:FEDEX
Initials:BCF
Prep:UNKNOWN

491552810477 Date:06/11/19 Shipper:FEDEX Initials:BCF

Prep: UNKNOWN

L482410

| T | urn Around Time | (Sur | charge) | You may edit | and complete this COC elec | ctronicall | y by lo | gging in to you | r Client Portal acco | unt at https | ://portal.galsonlabs.c | om/ | | | | |
|-----------|-------------------------------|-----------------|------------|-----------------------------|-----------------------------|-------------|-------------------|----------------------------|----------------------|---------------------|-------------------------------|-------------------------|---|-------------------------------|---------------------|------------------------------|
| |] St | andard | 0% | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | 4 Busines | s Days | 35% | Client Acct No | o.: Report To: | Mr. B | en Cl | nandler | | | Invoice To: | ACCO | UNTS PAYABLE | | | |
| | 3 Busines | s Days | 50% | 29016 | Company Name : | GHD S | GHD Services Inc. | | | | Company Name : | GHD Services Inc. | | | | |
| | 2 Busines | s Days 7 | 75% | Oriela al Bus | Address 1 : | 11719 | Hins | son Road | | | Address 1 : | 2055 Niagara Falls Blvd | | | | |
| | Next Day b | y 6pm 1 | 00% | Original Prep PSY532224 | Address 2. | | | | | | Address 2 : | | | | | |
| | Next Day by | / Noon 1 | 50% | 101332224 | City, State Zip : | | | | 2 | | City, State Zip : | Niag | ara Falls, NY 14 | 304 | ` | |
| | Sar | ne Day 2 | 00% | CS Rep: | Phone No. : | 501 - | 366 | - 3999 | | | | | - 297 - 6150 | | | |
| | 1 - | | | CHUDSON | Cell No. : | | | | • | | | Jenn | ifer.Devonshire@ | ghd.com | | |
| | Samples submi FreePumpLoan | | | | Email reports to : | • | | chandler@gh Lin@ghd.com | • | | Comments : | | | | | |
| \Box | Samples submi | • | | Online COC N | o.: Email EDD to: | | | | | | P.O. No. : Payment info. : | | | | | |
| - | FreeSamplingB | adges™ Progr | am | 182680 | <u> </u> | dyron | . haml | in@ghd.com | | | rayment into, : | Car | ill call SGS Galson to pr rd on File (enter the last | ovide credit five diaits o | card int the lic | fo ie helow) |
| | | | | | Comments: | | | | | | | | | g | | |
| - | | | | | | | | | | | Tail a | . Т. | | | | |
| | A I I A | S | -1-0 | Fibriles | ne Oxide Report | Resu | Jts | in ag/1 | n3 and ppb | | State Sampled | | Please indicate which O | | | |
| 1 | Ambient A | ir Jami | pies - | - Cirigio | 10 0 mm 11 q | | | V / | , , | | IL L | - 1- | □OSHA PEL □ACGII | | | JCal OSH/ |
| 1 | , | | | | | | | | | | | ľ | IAQ : Specify Limit(s) | _ Other | | / Other |
| Sit | te Name : | · | L, | Projec | בדמעול ממדפוווי | c 1 1 | | Sampled By : | 11. 1 | • | List description | of indus | stry or Process/interfere | | | |
| \perp | Lai | le Coun | 17 | | 11197130/111973 | 64 | | / | andrew Kre | <u>un</u> | | | | _ | | pg c.cc |
| 1 | Sample | | Date | Sampled * | Collection Medium | | | nple Volume ample Time | Liters Minutes | | Analysis Requested | | Method Reference | | | Chromium |
| L | (Maximum of 20 | Characters) | Jun | . Gampieu | Collection Wedian | | | mple Area * | in², cm², ft² * | | Analysis nequested | | Method Reference | 1 3.55 | | g., welding, nting, etc.} |
| <u>A:</u> | 1-11197130 | 1-AK-01 | 6/1 | 5/2019 | 6-L Canister | | | ſ | 1 | Ethyl | ene Oxide | | mod. OSHA | | | |
| ייץ | 14 111 17 1 | | י אפן י | $\mathcal{L}_{\mathcal{L}}$ | | | | 6 | <u></u> | | | | PV2120/mod. EPA | | | |
| | | | | | | | | | | | | j | TO15; GC/MS | | • | |
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| \vdash | ^ If the method | (s) indicated o | ກ the CC | C are not our | routine/preferred method(s) | . we will | substit | tute our routine | /oreferred methods | If this is n | int acceptable, check l | nere to | have us contact you | | | |
| Ch | nain of Custody | | | rint Name / Sig | | Dat | | Time | , protested meanous | | Print Name / | | | Date | · | Tiese |
| \vdash | elinguished By : | Daniel S | | | 81 - | 6-10- | | 1615 | Received By : | P | | 7 | 00 | | $\overline{}$ | Time |
| ├ | elinguished By : | | 7000 | العالم المالية | ~ 0~ | 0 10 | `_ | 1013 | Received By : | BIII | Fischer | 15/ | Il Fielle | LITUNI | 1 4 | 1924 |
| | 1 | <u> </u> | | | * Van must f | ill in thes | a col | mne for any co- | nples which you ar | | | | Online COC No. : | 182680 | I | |
| | | | | | | | | | idered as next day's | | ng. | | Prep No. : | PSY532224 | | - |
| | | | | | Samples (| cocived 8 | inter op | on will be cons | dered as next day s | อ มนจเกษชริ. | | | Account No. ; Draft : | 29016 6/5/2019 10: | 06:05 A | м |
| | | - | All servic | es are rendere | d in accordance with the ap | plicable | SGS G | eneral Conditio | ns of Service acces | sible via: <u>h</u> | ttp://www.sgs.com/en | /Terms | | | | |
| | | | | - | | | | | | | | | | | | |

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| Comments : | | | | | | | | | |
|---|----------------------------------|------------------------------|--------------------|--|--------------------------------------|-------------------------------|---|-------------|--|
| Sample ID * (Maximum of 20 Characters) | | | m Sa | ple Volume mple Time nple Area * | Liters Minutes in², cm², ft² * | Analysis Reques | sted Method Reference | ce ^ Pro | cavalent Chromium cess (e.g., welding, ting, painting, etc.) |
| Air-11197130-AK-02 | 6/6/2019 | 6-L Canister | 6 | | L | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| A: r-11197130-AK-03 | 6/6/2019 | 6-L Canister | 6 | | 6 | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| A: r-11197130-AK-04 | 60-AK-04 6/6/2019 6-L Canister | | 6 | | L | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| Air 11197130-AK-09 | 7 30-AK-05 6/6/2019 6-L Canister | | 6 | | | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| Air-11197130-AK-Ob | AK-O6 6/6/2019 6-L Canister | | 6 | | Ĺ | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| Air-11197130-AK-07 | 6/6/2019 | 6-L Canister | 6 | | L | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| Air-11197130-AK-08 | 6/6/2019 | 6-L Canister | 6 | | L | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | , | |
| Air-11197130-AK-09 | 6/6/2019 | 6-L Canister | 6 | | L | Ethylene Oxide | mod. OSHA PV2120/mod. EPA TO15; GC/MS | | |
| ^ If the method(s) indicated or | | | T | · · · · · · · · · · · · · · · · · · · | preferred methods. | If this is not acceptable, ch | eck here to have us contact you. | | |
| Relinquished By: | Print Name / S | <u> </u> | Date | Time | | | me / Signature | Date | Time |
| Relinquished By: Danie S | Showalter E |)on 0 h | 6-10-19 | 1615 | Received By : B | ill Fischer _ | Bill Finder | HJUNK | 7 924 |
| | l | Samples | received after 3pm | n will be consid | Received By : | ousiness. | Account No. Draft | : PSY532224 |)6:05 AM |
| A | ii services are render | red in accordance with the a | ipplicable SGS Ge | neral Condition | is of Service accessi | ble via: http://www.sgs.con | n/en/Terms-and-Conditions.aspx | | |

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GALSON CHAIN OF CUSTODY

| Comments : | | | | | | | | | | |
|---|-------------------------|---------------------------------------|-----------------|---|--------------------------------------|--------------------------------------|--------------------|---------------------------------------|-----------|----------------------------------|
| | | | | | | | | | | |
| Sample ID * (Maximum of 20 Characters) | Date Sampled * | Collection Medium | n S | mple Volume ample Time ample Area * | Liters Minutes in², cm², ft² * | Analysis Requ | ested | Method Reference | ^ Process | lent Chromium (e.g., welding, |
| Air-11197130-AK-10 | 6/6/2019 | 6-L Canister | | 6 | <u></u> | Ethylene Oxide | PV | d. OSHA 2120/mod. EPA 15; GC/MS | plating, | painting, etc.) |
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| | 1 | | | | | | | | | |
| ^ If the method(s) indicated on | | | T | | /preferred method | ls. If this is not acceptable, o | check here to have | us contact you. | | |
| Chain of Custody | Print Name / Sig | | Date | Time | <u> </u> | Print N | ame / Signature | | Date | Time |
| | Showother C | In Sh | 6-10-19 | 1615 | Received By : | Bill Fischer | Bill | Fish | 11 JUNA | 0924 |
| Relinquished By: | | *** | | <u> </u> | Received By : | | | | | |
| <i></i> | | · · · · · · · · · · · · · · · · · · · | | | nples which you a | | | Account No. : 2 | PSY532224 | 5 AM |
| Α | Il serviceș are rendere | ed in accordance with the ap | oplicable SGS G | eneral Conditio | ns of Service acce | ssible via: <u>http://www.sgs.cr</u> | om/en/Terms-and- | -Conditions aspx | | |

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Page 10 of 10 Report Reference:1 Generated:13-JUN-19 13:48